

The Alignment of the California Preschool Learning Foundations with Key Early Education Resources
Preschool Learning Foundations and California Preschool Curriculum Frameworks
California Content Standards and Curriculum Frameworks

PK-3 Math Alignment with CA Key Resources

TK - Learning Foundations	Kindergarten – Content Standards	First Grade – Content Standards	Second Grade – Content Standards	Third Grade – Content Standards
Mathematical Reasoning Children expand the use of mathematical thinking to solve problems that arise in their everyday environment.	Mathematical Practices 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning.	Mathematical Practices 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning.	Mathematical Practices 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning.	Mathematical Practices 1. Make sense of problems and persevere in solving them. 2. Reason abstractly and quantitatively. 3. Construct viable arguments and critique the reasoning of others. 4. Model with mathematics. 5. Use appropriate tools strategically. 6. Attend to precision. 7. Look for and make use of structure. 8. Look for and express regularity in repeated reasoning.

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	Number and Operations in Base Ten <ul style="list-style-type: none"> • Work with numbers 11–19 to gain foundations for place value. 	Number and Operations in Base Ten <ul style="list-style-type: none"> • Extend the counting sequence. • Understand place value. • Use place value understanding and properties of operations to add and subtract. 	Number and Operations in Base Ten <ul style="list-style-type: none"> • Understand place value. • Use place value understanding and properties of operations to add and subtract. 	Number and Operations in Base Ten <ul style="list-style-type: none"> • Use place value understanding and properties of operations to perform multi-digit arithmetic. Number and Operations—Fractions <ul style="list-style-type: none"> • Develop understanding of fractions as numbers.
Algebra and Functions (Classification and Patterning) <ol style="list-style-type: none"> 1. Children expand their understanding of sorting and classifying objects in their everyday environment. 2. Children expand their understanding of simple repeating patterns. 				

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Measurement and Data 1. Children expand their understanding of comparing, ordering, and measuring objects.	Measurement and Data <ul style="list-style-type: none"> Describe and compare measurable attributes. Classify objects and count the number of objects in categories. 	Measurement and Data <ul style="list-style-type: none"> Measure lengths indirectly and by iterating length units. Tell and write time. Represent and interpret data. 	Measurement and Data <ul style="list-style-type: none"> Measure and estimate lengths in standard units. Relate addition and subtraction to length. Work with time and money. Represent and interpret data. 	Measurement and Data <ul style="list-style-type: none"> Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects. Represent and interpret data. Geometric measurement: understand concepts of area and relate area to multiplication and to addition. Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.

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Geometry 1. Children identify and use a variety of shapes in their everyday environment. 2. Children expand their understanding of positions in space.	Geometry <ul style="list-style-type: none">• Identify and describe shapes.• Analyze, compare, create, and compose shapes.	Geometry <ul style="list-style-type: none">• Reason with shapes and their attributes.	Geometry <ul style="list-style-type: none">• Reason with shapes and their attributes.	Geometry <ul style="list-style-type: none">• Reason with shapes and their attributes.
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